

CLAIMS

1. Yarns comprising metallic and textile fibres, either natural or artificial.
2. Yarns according to claim 1 in which the metallic fibres comprise metals of the VIII group or their alloys.
- 5 3. Yarns according to claim 2 in which the metallic fibres are iron fibres or fibres manufactured in iron alloys.
4. Yarns according to the claims 1 - 3 in which the metallic fibres comprised in the yarns according to the present invention present a cut (length) measuring between 20 and 80 mm (preferably 30 - 60) while the textile fibres, either natural or artificial, have a cut measuring between 50 and 100 mm.
- 10 5. Yarns according to the claims 1 - 3 in which the metallic fibres comprised in the yarns according to the present invention have a cut (length) measuring between 30 and 60 mm while the textile fibres, either natural or artificial, have a cut measuring between 60 and 80 mm.
- 15 6. Yarns according to claim 5 in which the metallic fibres section is between 0.1 and 1 mm, and the one of the textile fibres is between 0.1 and 2 mm.
7. Yarns according to the claims 1 - 6 comprising between 2 and 15% (in weight) in metallic fibres and 98 - 85% (in weight) in textile fibres.
8. Fabrics comprising yarns according to the claims 1 - 7 in which the said yarns are comprised both in the weave and in the warp of the same fabric.
- 20 9. Fabrics according to claim 8 in which the distance between the threads (both in the weave and in the warp) is between 0.1 and 3 mm.
10. Fabrics according to claim 9 consisting of polyester (90%) and stainless steel (10%) fibres.
- 25 11. Use of the fabrics according to claims 8 - 10 for manufacturing goods for the protection against electromagnetic pollution and for location through radar exploration.
12. Use according to claim 11 in which the said goods are suitable for decoration of rooms.
- 30 13. Use according to claim 11 in which the said goods are clothes.
14. Use of the fabrics according to claims 8 - 10 for the manufacturing of goods suitable to be used in water.

15. Buoys, lifeboats, life jackets and similar goods comprising or covered by fabrics according to the claims 8 - 10.